



# Grade 8 Science

## Unit 3: Fluids



### Hydrometer

Today you will receive an assignment that will last three periods. This assignment will lead to your project for this unit. Today we will:

- Discuss the assignment, looking at and discussing the steps necessary to complete it.
  - » Note: All of the instructions for the these three periods are online, it will be your job to read through them, understand them and follow them in order to complete the work.
- Discuss the project associated with the assignment once it is complete.
  - » Note: This is a project separate from the assignment we will do in class.
  - » It would be in your best interest to be very familiar with the project while you are doing the in-class assignment.
- Start work on the assignment. There will be work required to be completed prior to next class.

# Hydrometer Assignment

I have created a [webpage](#) for this assignment. All of the instructions can be found there.

We will briefly skim through the contents of that webpage now, but it is your responsibility to read this information in detail.

Note that you have research to complete **today**.

Note that you have a design to complete **prior to class two periods from now**.

Note that you will be testing your hydrometer **one week today**.

On the due date you will test whatever you have ready. If that is nothing, then you will test nothing, and your mark will be based on that.



# Hydrometer Project

Similar to your microscope project, you will complete this task from a specific perspective. For this task you own a company that sells educational experiment kits, all inclusive packages that can be purchased and experiments can be performed using the contents of your kit. Having purchased your kit, your customer should not need any other knowledge or material, you will explain and provide\* everything they need. The method of delivery of this information is completely up to you to choose\*\*, you can present the information in any way you feel will best communicate your ideas.

\*Note, you will not actually submit the materials you would include in your kit, only the written portions of what a customer would receive.

\*\*A slideshow or a simple document will not earn the same marks as something like a webpage.

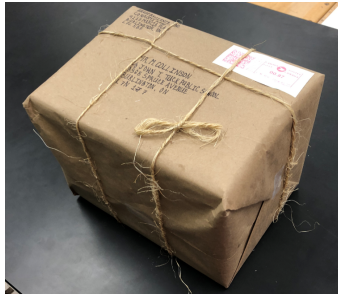
As per usual, I have created a webpage with all of the content I have created to help you complete this project. Be sure to reference it often.

[Hydrometer Webpage](#)

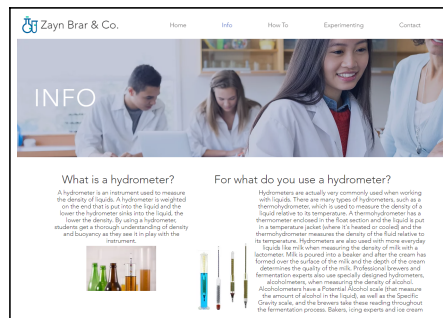
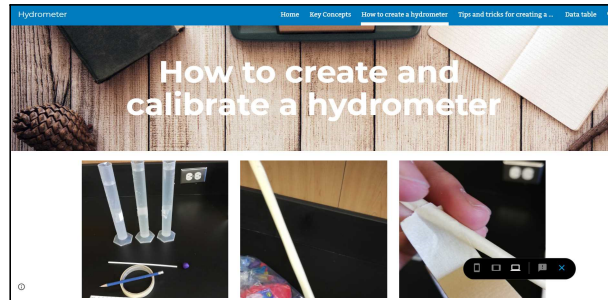


# Example Projects

Here are a couple example projects from previous years.

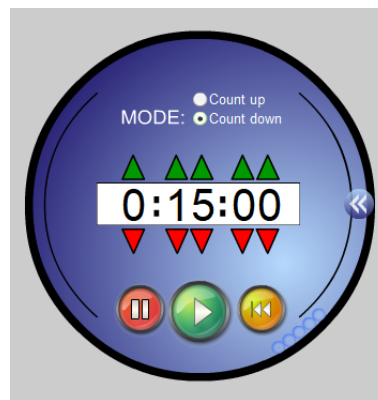


This was submitted with a [webpage](#).



# Hydrometers Research

At this point you are to begin your research on hydrometers. Please go to my webpage, from which you can follow the link to the hydrometers page. For today, and the duration of this task, you are to follow the instructions there.



I have made note in multiple locations that I recommend you take a lot of images throughout this process, so that you have access to them as you complete your project.